

### DEEP TEST HOLES LOG

DATE 03/29/20

DEEP TEST HOLE #1	DEEP TEST HOLE #2
0" - 4" TOPSOIL 4" - 11" MISC FILL 11" - 22" ORIGINAL TOPSOIL 22" - 38" RED BROWN SILTY LOAM 38" - 47" GRAY HARDPAN NO LEDGE TO 47" NO GROUNDWATER MOTTLING @ 38"	0" - 14" TOPSOIL 14" - 28" RED BROWN SILTY LOAM 28" - 48" GRAY HARDPAN NO LEDGE TO 48" NO GROUNDWATER MOTTLING @ 28"

DEEP TEST HOLE #100 (HAND DUG BY DCE, LLC) DATED 4/20/21

0" - 9" TOPSOIL 9" - 31" RED BROWN FINE SILTY LOAM GROUNDWATER @ 29" MOTTLING @ 24"
--

### PERCOLATION TEST HOLES LOG

DATE 04/21/21

PERC HOLE P-1

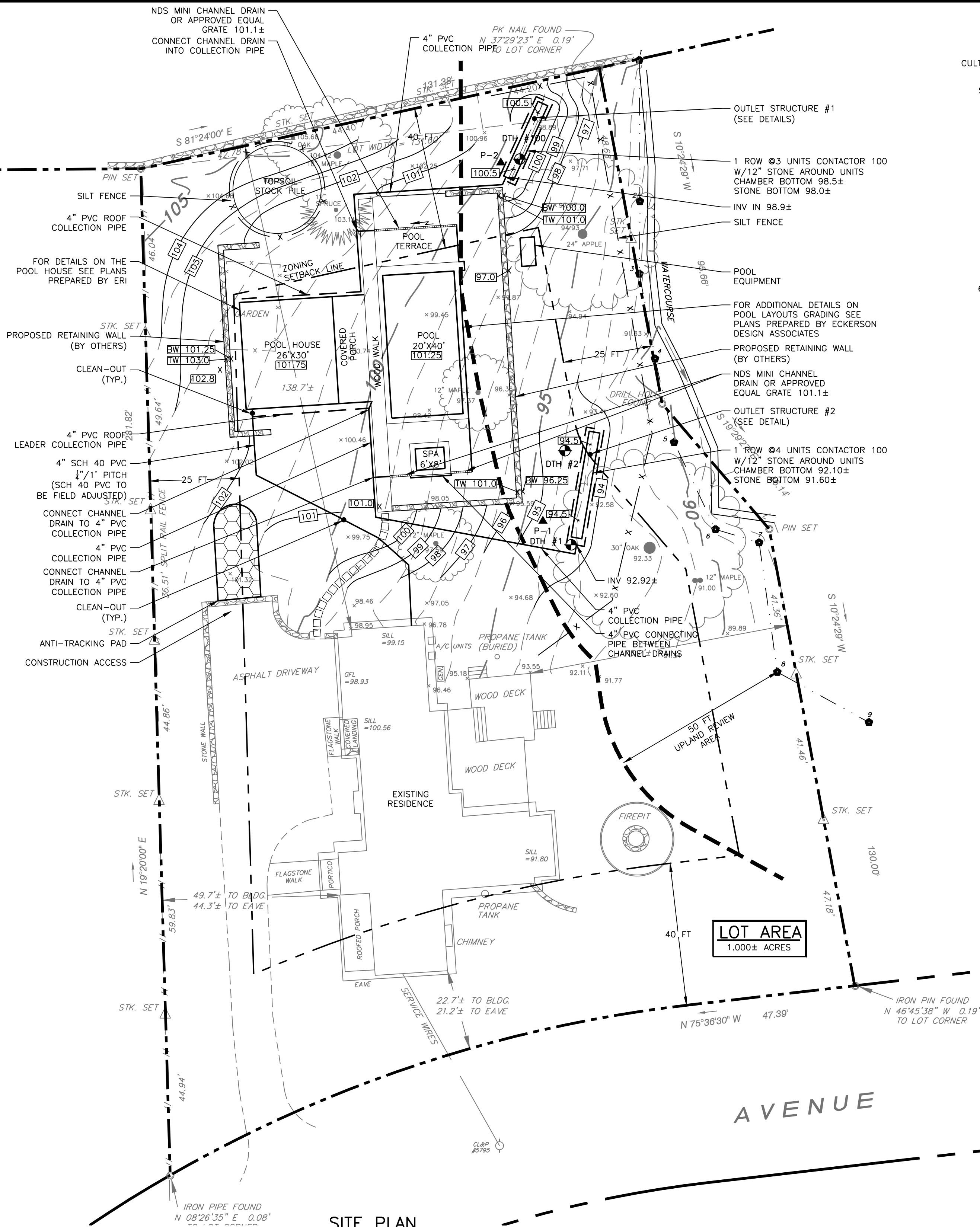
TIME	DEPTH (INCHES)	DROP (INCHES)	INTERVAL (MINUTES)	RATE (MIN./INCH)
13.08	3.25			
13.25	6.75	3.50	17.00	4.86
13.36	8.00	1.25	11.00	8.80
13.48	9.25	1.25	12.00	9.60
13.58	10.25	1.00	10.00	10.00
14.08	11.00	0.75	10.00	13.33
FINAL PERCOLATION RATE:				13.33 MIN/INCH

PERC HOLE P-2

TIME	DEPTH (INCHES)	DROP (INCHES)	INTERVAL (MINUTES)	RATE (MIN./INCH)
13.10	4.25			
13.26	8.13	3.88	16.00	4.13
13.36	9.25	1.13	10.00	8.89
13.49	10.50	1.25	13.00	10.40
13.59	11.25	0.75	10.00	13.33
14.09	12.25	1.00	10.00	10.00
FINAL PERCOLATION RATE:				13.33 MIN/INCH

### EROSION AND SEDIMENTATION CONTROL NOTES

- ALL EROSION AND SEDIMENTATION CONTROLS SHALL BE CONSTRUCTED, INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL AND TOWN OF DARIEN REGULATIONS.
- ALL CONTROL MEASURES SHALL BE INSTALLED AS SHOWN ON THE PLAN(S).
- ALL CONTROL MEASURES SHALL BE INSPECTED AND APPROVED BY THE TOWN PRIOR TO COMMENCEMENT OF ANY WORK, INCLUDING PRE-CONSTRUCTION CLEARING AND GRUBBING.
- ALL CONTROL MEASURES SHALL BE MAINTAINED AND UPGRADED AS REQUIRED TO ACHIEVE PROPER SEDIMENT CONTROL THROUGHOUT THE CONSTRUCTION PERIOD AND UNTIL ALL DISTURBED AREAS HAVE BEEN THOROUGHLY STABILIZED.
- NO CONTROL MEASURES SHALL BE REMOVED WITHOUT APPROVAL FROM THE TOWN.
- ADDITIONAL CONTROL MEASURES SHALL BE INSTALLED DURING THE CONSTRUCTION PERIOD IF DEEMED NECESSARY BY THE TOWN OR ITS AUTHORIZED AGENT.
- THE LIMITS OF CLEARING, GRADING AND DISTURBANCE, AS SHOWN ON THE PLAN(S), SHALL BE KEPT TO A MINIMUM WITHIN THE APPROVED AREA OF CONSTRUCTION. ALL AREAS OUTSIDE THE LIMITS OF CLEARING SHALL REMAIN TOTALLY UNDISTURBED.
- ANY CONTROL MEASURES RETAINING SEDIMENT OVER 1/2 THEIR HEIGHT SHALL HAVE THE SEDIMENT IMMEDIATELY REMOVED, AND ALL DAMAGED CONTROL MEASURES SHALL BE REMOVED AND REPLACED.
- ALL CATCH BASINS LOCATED DOWN-GRADE OF THE SITE SHALL BE PROTECTED BY PLACING FILTER FABRIC BENEATH THE GRATE UNTIL ALL DISTURBED AREAS HAVE BEEN THOROUGHLY STABILIZED.
- ALL NEW AND EXISTING CATCH BASINS LOCATED ON THE SITE SHALL BE PROTECTED BY STAKED HAYBALES AND BY PLACING FILTER FABRIC BENEATH THE GRATE UNTIL ALL DISTURBED AREAS HAVE BEEN THOROUGHLY STABILIZED.
- ALL SEDIMENT SHALL BE IMMEDIATELY REMOVED FROM NEW AND EXISTING DRAINAGE STRUCTURES AND PIPING IMPACTED BY THE PROPOSED CONSTRUCTION.
- SEDIMENT REMOVED FROM CONTROL MEASURES AND DRAINAGE FACILITIES SHALL BE DISPOSED OF IN A MANNER THAT IS CONSISTENT WITH STATE AND LOCAL REGULATIONS.
- THE PLANTING SEASONS FOR THE SPECIFIED SEED MIXTURE SHALL BE AS DEFINED IN THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, UNLESS DIRECTED OTHERWISE BY THE TOWN. OUTSIDE OF THESE SPECIFIED DATES, AREAS WILL BE STABILIZED WITH HAYBALE CHECK DAMS, FILTER FABRIC, OR WOODCHIP MULCH AS REQUIRED TO CONTROL EROSION.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO ENSURE THAT NO DRAINAGE FROM TOWN ROADS ENTERS THE SITE DURING OR AFTER CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTROL DUST AND WIND EROSION THROUGHOUT THE LIFE OF THE CONTRACT. THE CONTRACTOR SHALL CONTROL DUST TO PREVENT A HAZARD TO TRAFFIC ON ADJACENT ROADWAYS.
- TEMPORARY STOCKPILING OF CONSTRUCTION MATERIALS SHALL ONLY BE ALLOWED IN THE LOCATIONS SHOWN ON THE PLAN(S). STOCKPILE AREAS SHALL BE FULLY ENCLOSED BY SILT FENCE.
- ALL GROUNDWATER EXTRACTED DURING DEWATERING OF EXCAVATIONS SHALL BE DIRECTED TO A TEMPORARY SEDIMENTATION BASIN.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING THE EROSION AND SEDIMENTATION CONTROL PLAN. THIS INCLUDES THE INSTALLATION AND MAINTENANCE OF ALL CONTROL MEASURES, INFORMING ALL PARTIES ENGAGED ON THE CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE PLAN, AND NOTIFYING THE TOWN OF ANY TRANSFER OF THIS RESPONSIBILITY.

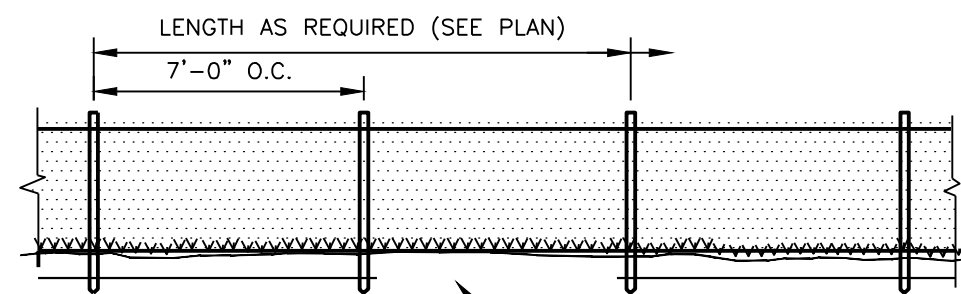


SITE PLAN

SCALE: 1"=20'

#### NOTES:

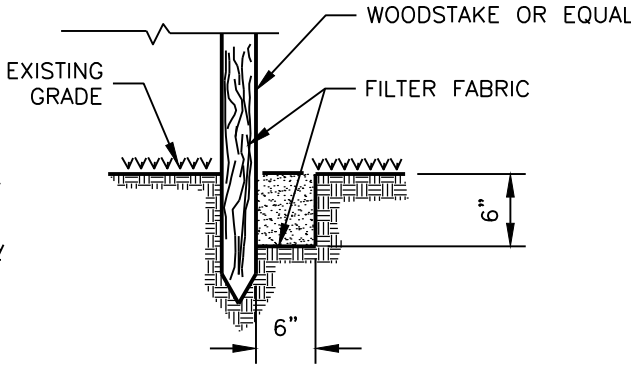
- EXISTING CONDITIONS HAVE BEEN TAKEN FROM PLANS PREPARED BY WILLIAM W. SEYMOUR & ASSOCIATES, PC, DARIEN, CT, TITLED "ZONING LOCATION/ TOPOGRAPHIC SURVEY" DATED 1/12/21.
- PROPOSED POOL, POOL HOUSE AND GRADING PREPARED BY ECKERSON DESIGN ASSOCIATES, NORWALK, CT.



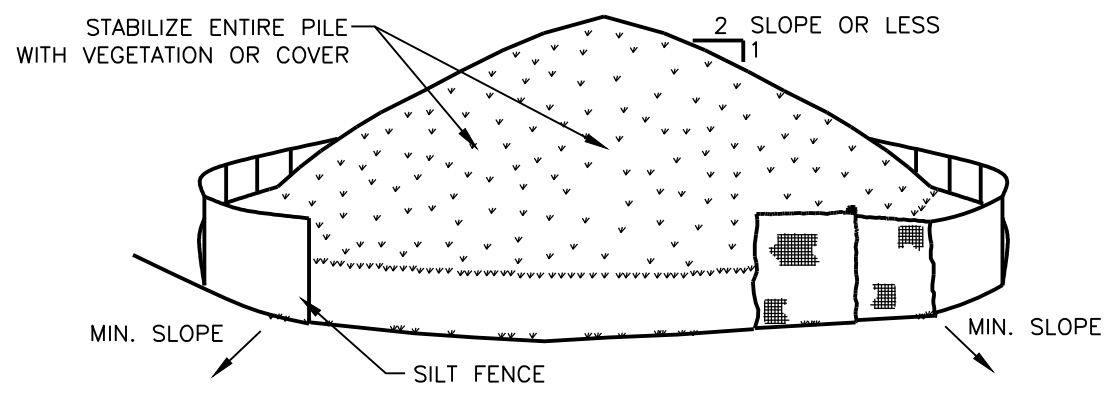
ELEVATION

SILTATION FENCE DETAIL

N.T.S.



TOE IN DETAIL

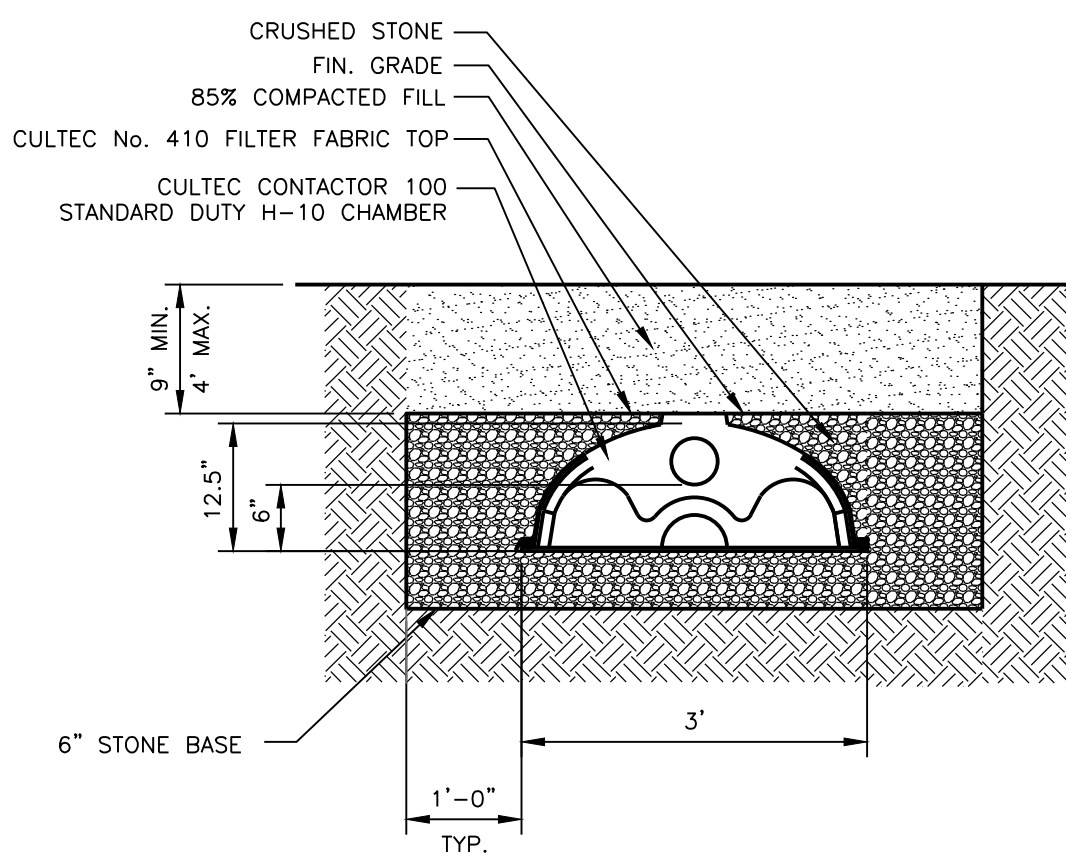


#### INSTALLATION NOTES:

- AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
- MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
- UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR STRAWBALES, THEN STABILIZED WITH VEGETATION OR COVERED.

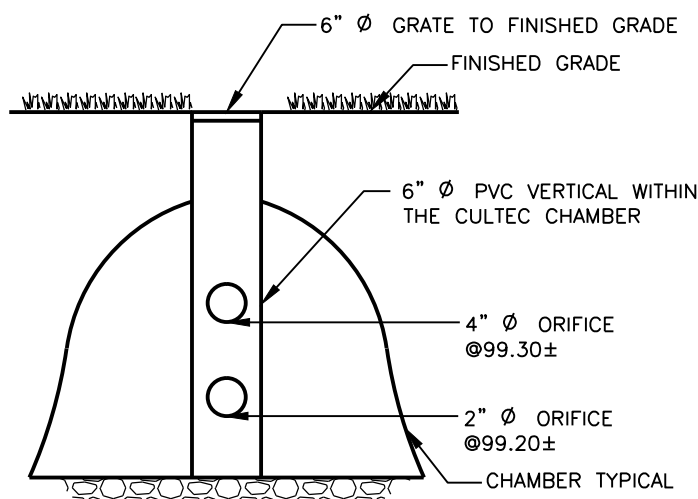
SOIL STOCKPILING

N.T.S.



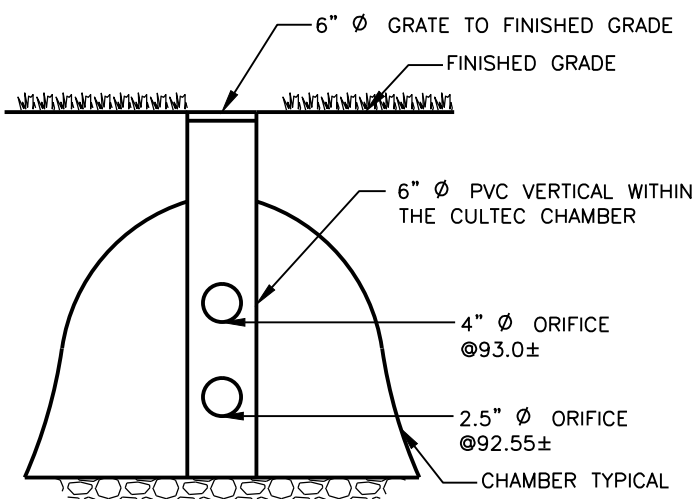
TYPICAL CROSS SECTION CONTACTOR 100

SCALE: N.T.S.



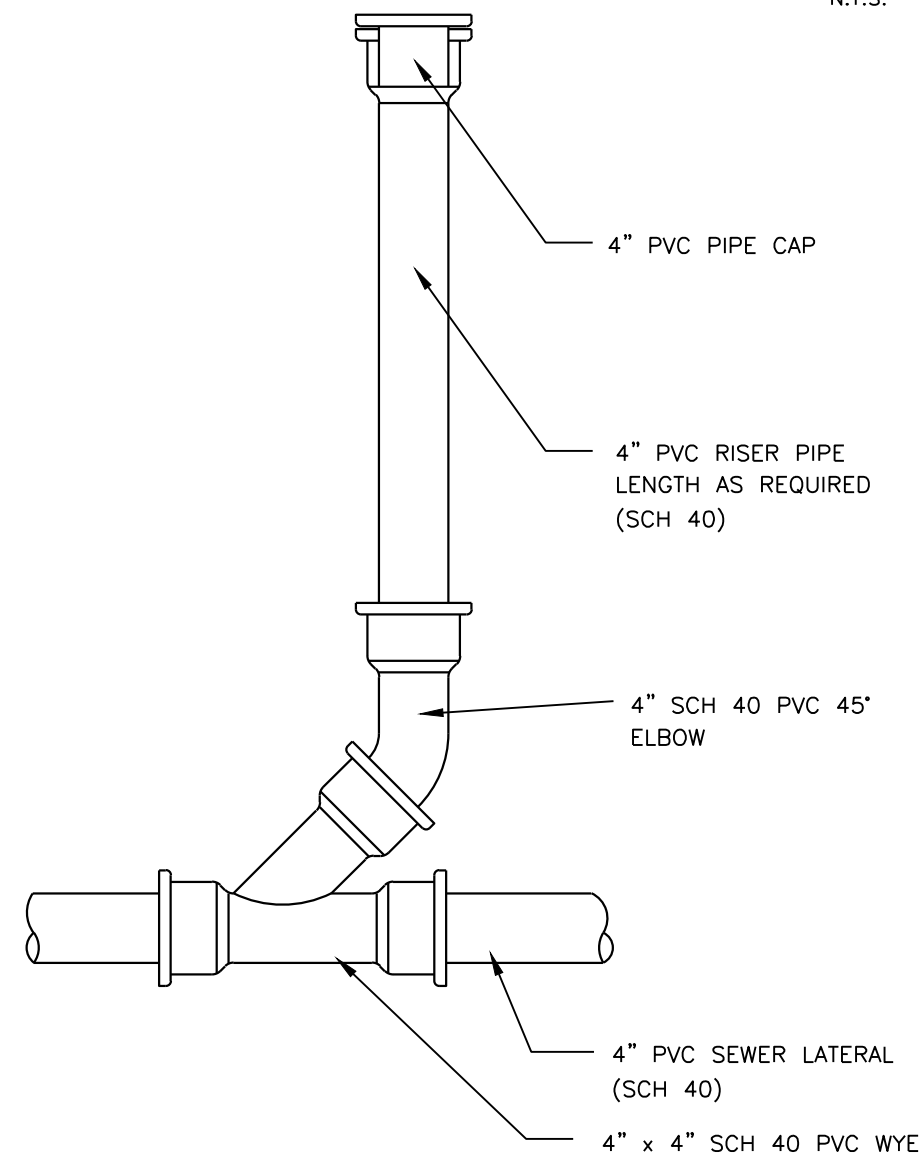
CONTROL OUTLET STRUCTURE #1

N.T.S.



CONTROL OUTLET STRUCTURE #2

N.T.S.



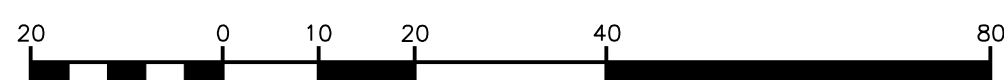
CLEANOUT DETAIL TYPICAL

N.T.S.

### LEGEND

- 98- EXISTING CONTOURS
- 105- EXISTING CONTOURS
- 94- PROPOSED CONTOURS
- PROPERTY LINE
- BUILDING SETBACK LINE
- ULPAND REVIEW AREAS
- SILT FENCE
- WETLAND
- DEEP TEST HOLES
- PERCOLATION TEST HOLE
- GRADE TO DRAIN

### GRAPHIC SCALE



( IN FEET )

SCALE: 1 in. = 20 ft

### MAP 28, LOT 3

### IMPORTANT NOTE:

Additional underground utilities may exist prior to any excavation or construction, Contact:

"CALL BEFORE YOU DIG"  
1-800-922-4455



LOCATION MAP

SCALE: 1"=600'

DIVESTA Civil Engineering, LLC.

51 Painter Ridge Road  
Roxbury, Connecticut 06783  
Phone 860-354-4226 Fax 860-354-4226  
E-mail dceainc@charter.net

# HECK RESIDENCE 57 GREENLEAF AVENUE DARIEN, CONNECTICUT PROPOSED SITE DEVELOPMENT PLAN

PROJECT TITLE:

STAMP:

DRAWING NO. 21-011  
DRAWN BY: SDI  
APPROVED BY: DD  
SCALE: 1"=20'  
DRAWING DATE: 04/29/21  
SHEET NO. 1 OF 1